DESIGN STUDIES

Index to Volume 5, Numbers 1–4, 1984, pp 1–270

SUBJECT INDEX

A

Analysis 92
Architectural 5
Architectural design as a system of research programmes 146
Architectural research programmes in the work of Le Corbusier 151
Architecture 7, 132, 137, 146, 151, 159, 166, 175
Architecture and culture: a research strategy 175

B

Books and publications

A programme for advanced information technology 127
Bailey, R W Human performance engineering: a guide for system designers 125
Bayley, S and Woudhuysen, J Boilerhouse Exhibition, with catalogue 'Robots' 270
Design Council Designing: a new periodical for school children and schoolteachers 269
Easterby, R, Kroemer, K H E and Chaffin, D B NATO Conference Series III: Human factors, Volume 16 191
Green, T R G, Payne, S J and van der Veer, G C The psychology of computer use 127
Hoare, C A R Programming is an engineering profession 269
Igarashi, Takenobu Igarashi space graphics 268
Lansdown, J Expert systems: their impact on the construction industry 61
Loos, A Spoken into the void: collected essays 1897–1900 125
Macdonald, S, Lamberton, D McL and Mandeville, T D The trouble with technology: explorations in the process of technological change 191
National Electronics Council 'Human factors and information technology' 124
Parker, R C The management of innovation 62
Pulos, A J American design ethic: a history of industrial design to 1940 126
Rykwert, J The necessity of artifice 192
Sano, Kunio (ed) Structure of dexterity: industrial design works in Japan 268
Sime, M E and Coombs, M J Designing for human-computer communication 62
Walker, D The architecture and planning of Milton Keynes 270
Zunde, J M Design procedures 192

Brain function asymmetries 219
Brain research 229

C

Case study 41
Cognitive styles 219
Collaboration 178
Collaboration and context in urban design 178
Communication design 21
Computer-based systems 86
Computer model of design 142
Conceptual and artifactual research programmes in Louis I Kahn's design of the Phillips Exeter Academy Library (1966–72) 159

Conference and Exhibition Reports

Only human: design ergonomics 121
PAPER Conference on people and physical environment research 56
TASTE: an exhibition about values in design 55
The education and training of engineering designers 54
Young blood design in industry 122

Constraints 142
Creativity 229

D

3D full-size modelling 15
Design 5, 132
Design: a process of enquiry, experimentation and research 130
Design as the exploration of constraints 137
Design-build projects in architectural education 7
Design constraints 137
Design education 248
Design education values 31
Design information 113
Design matrices 239
Design method 86, 92
Design methodology 139
Design methods 68, 219
Design of microcomputer applications for small businesses 92
Design philosophy 79
Design processes 175
Design research 142, 146, 159
Design technology 203
Designing the documentation that explains how IT works 73
Designing the spatial experience 15
Diary systems 98
Documentation 73
Drawing 5

E

Education 7
Effect of new technology on the work and methods of the typographic designer 21
Electrical products 192
Engineering design 185
Enthnography 175
Environmental design 229
Ergonomics 15
Ethnography 185
Exemplars 178

F

Falsificationism 146
Flexible manufacturing systems 106

G

Greek regionalism 166

H

History 41
Human factors 79

I

Information and designers 113
Information design 73, 248
Information systems 86, 92
Information technology 21, 73, 79, 98, 106, 203
Information transfer 113
Integrated manufacturing systems 106

L

Lakatosian models 159, 166
Language media 31
Learning by doing: turning our backs to the drawing board 5

M

Maison Dom-ino 151
Making IT fit: the design of integrated manufacturing systems 106
Manuals 73

Methodical techniques 192
Methodological basis for information systems design 86
Microcomputer applications 92

N

Neuroscientific research 31
Notation 139

O

On writing form 139
Organizational impact of IT 106

P

Problems, frames and perspectives on designing 132
Process analysis 185
Programming 137
Programming software 68

R

Reflective practice in engineering design 185
Regionalism as an architectural research programme in the work of Dimitris and Suzanna Antonakakis 166
Representing the user in the design process 79
Research 113
Research programmes 151, 166
Rules 139

S

SAR procedure 142
Scientific programmes 146
Small businesses 92
Software design 68
Software life cycle 239
Solution finding 192
Spatial experience 15
Spatial organization 132
Structural design in the eighteenth century: James Essex and the roof of Lincoln Cathedral Chapter House 41
Structured programming 68
Systems analysis 86

T

Technical writing 73
Theory of Form-Design 159
Towards an understanding of the intrinsic values of design education 31
Towards the electronic pocket diary 98
Transfer 203
Typographic 21
Typography 248

U

Urban design 178

W

Word-processor applications 98

AUTHOR INDEX

A

Anderson, S Architectural design as a system of research programmes 146
Anderson, S Architectural research programmes in the work of Le Corbusier 151
Andreotti, L Conceptual and artefactual research programmes in Louis I Kahn's design of the Phillips Exeter Academy Library (1966–72) 159

B

Bessant, J and Lamming, R Making IT fit: the design of integrated manufacturing systems 106
Bucciarelli, L L Reflective practice in engineering design 185

C

Canto, M see Hack, G 178
Cooper, C L see Cooper, R 248
Cooper, C L see Cooper, R F Davies 21
Cooper, I see Lera, S 113
Cooper, R D and Cooper, C L The evaluation of guidelines to aid the information designer 248
Cooper, R F Davies and Cooper, C L Effect of new technology on the work and methods of the typographic designer 21
Cross, A Towards an understanding of the intrinsic values of design education 31

E

Eason, K D see Harker, S D P 79
Editorial: Design, a process of enquiry, experimentation and research 130

F

Fleisher, A see Gross, M 137
Fowles, B Design build projects in architectural education 7

G

Gordon, A M Software design 68
Gregory, S A Design technology transfer 203
Gross, M Computer model of design 142
Gross, M and Fleisher, A Design as the exploration of constraints 137

H

Habraken, N J On writing form 139
Hack, G and Canto, M Collaboration and context in urban design 178
Harker, S D P and Eason, K D Representing the user in the design process 79
Hattori, M International letter: computer-aided design in Japan of the nineteen-eighties 3

I

Ingram, J Designing the spatial experience 15

L

Lamming, R see Bessant, J 106
Leeming, A M C The design of microcomputer applications for small businesses 92
Lera, S, Cooper, I and Powell, J Information and designers 113

M

Metallinou, V A Regionalism as an architectural research programme in the work of Dimitris and Suzanna Antonakakis 166

P

Porter, T Learning by doing: turning our backs to the drawing board 5
Powell, J see Lera, S 113

R

Robbins, E Architecture and culture: a research strategy 175

S

Schon, D A Problems, frames and perspectives on designing 132

T

Tayefeh-Emamverdi, M Methodical concept development in electrotechnology 192
Tovey, M Designing with both halves of the brain 219

W

Ward, A Design cosmologies and brain research 229
Wilson, P Towards the electronic pocket diary 98
Wood, J The methodological basis for information systems design 86
Wright, P Designing the documentation that shows how IT works 73

Y

Yeomans, D Structural design in the eighteenth century: James Essex and the roof of Lincoln Cathedral Chapter House 41